

	R	R'
Loline	CH <sub>3</sub>	H
Norloline	H	H
N-Methyloline	CH <sub>3</sub>	CH <sub>3</sub>
N-Formylloline	CH <sub>3</sub>	CHO
N-Formylnorloline	H	CHO
N-Acetyloline	CH <sub>3</sub>	COCH <sub>3</sub>
N-Acetylnorloline	H	COCH <sub>3</sub>

Figure 1

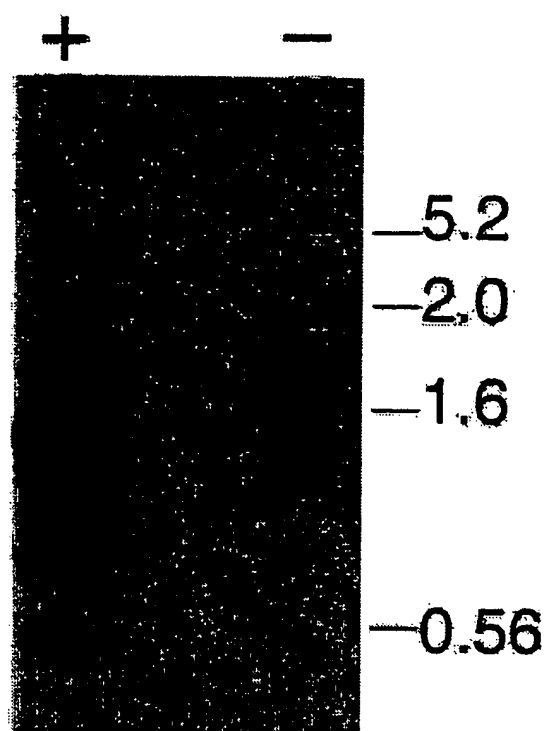


Figure 2

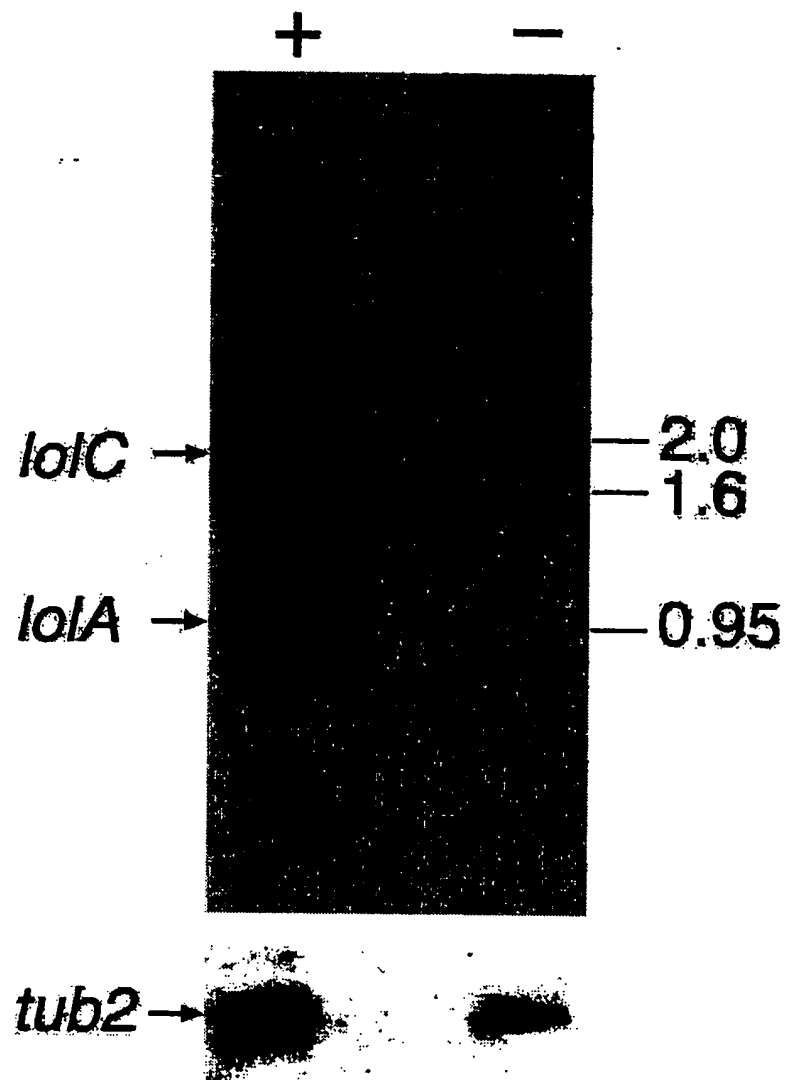


Figure 3

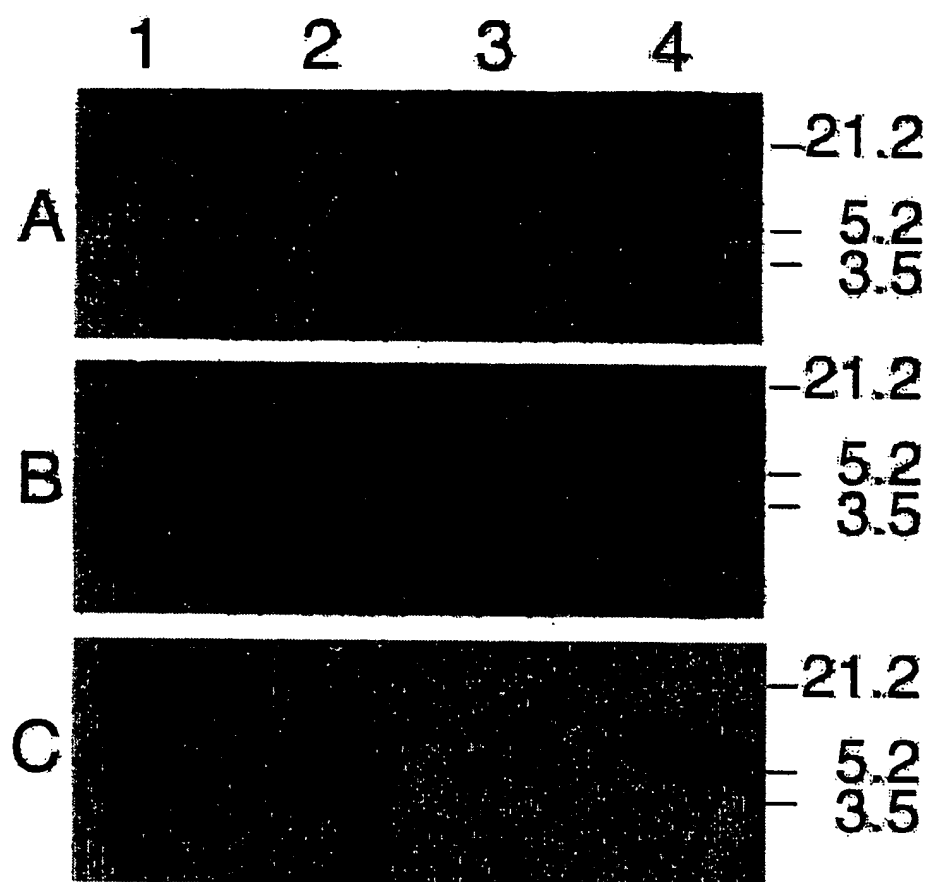


Figure 4

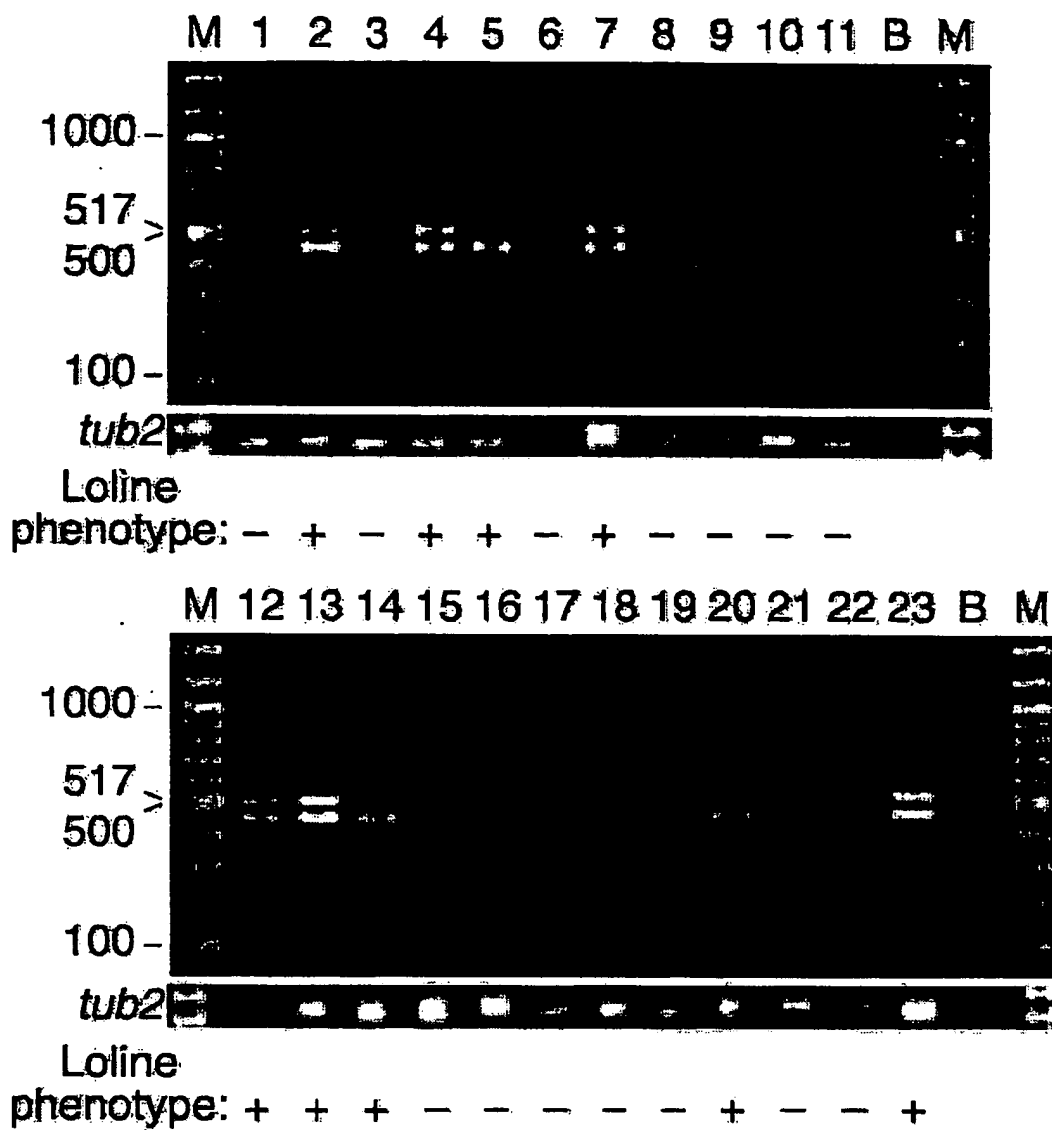


Figure 5

*Fig. XX. Loline alkaloid  
biosynthesis genes*

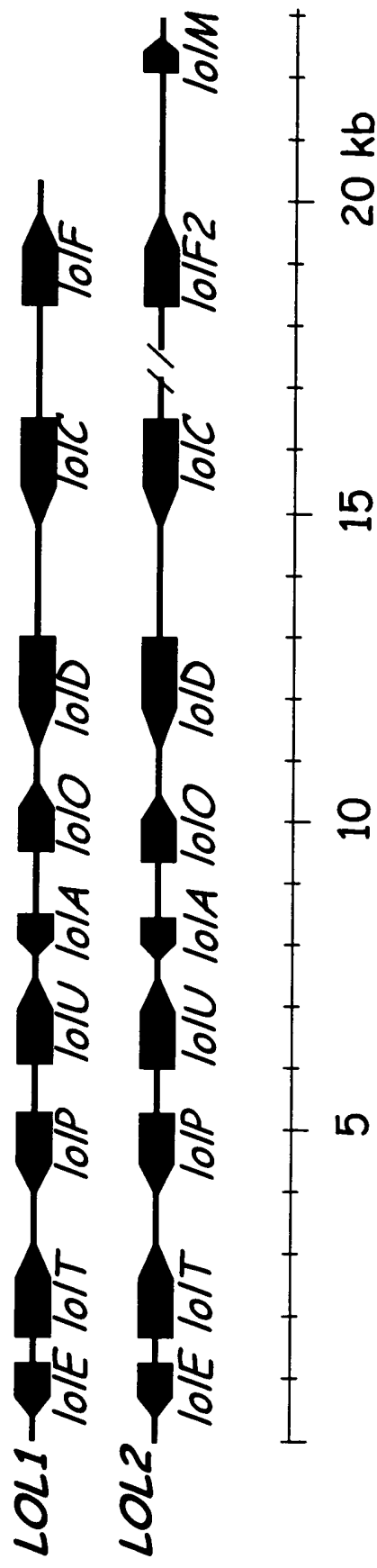


Figure 6